

# The UAB Center for Metabolic Bone Disease Presents:

## 1<sup>st</sup> SCIENTIFIC SYMPOSIUM ON METABOLIC BONE DISEASE

Sponsored by UAB Division of CME

Wednesday, May 19, 1999 • at the UAB Center for Psychiatric Medicine Auditorium, CPM 2nd Floor

Open to all health professionals

7:30 - 8:00 a.m. Registration/Continental Breakfast

8:00 - 8:30 a.m. Welcome and Overview of Center Activities

*Jay M. McDonald, M.D.*

*Professor and Chair, Department of Pathology  
and*

*Director, UAB Center for Metabolic  
Bone Disease*

8:30 - 9:00 a.m. NIH Research Initiatives in Metabolic  
Bone Disease

*Joan A. McGowan, Ph.D.*  
*Chief*

*Musculoskeletal Disease Branch  
National Institutes of Health*

9:00 - 9:30 a.m. New Concepts of Osteoporosis Treatment

*Charles H. Chesnut, III, M.D.*

*Professor*

*Department of Radiology  
University of Washington Medical Center*

9:30 - 10:00 a.m. Break

10:00 - 10:30 a.m. Na/Ca Exchanger in Osteoblasts

*Carol V. Gay, Ph.D.*

*Professor*

*Department of Biochemistry and  
Molecular Biology  
Pennsylvania State University*

10:30 - 11:00 a.m. Genetic Control of Osteogenesis

*Gerard Karsenty, M.D.*

*Associate Professor*

*Department of Molecular and Human Genetics  
Baylor College of Medicine*

11:00 - 11:30 a.m. Estrogen Regulation of Murine-CSF  
Production in the Bone Marrow

*Roberto Pacifici, M.D.*

*Associate Professor*

*Department of Medicine  
Washington University*

11:30 - 11:45 a.m. Pilot Study Overview: "FE Models of  
Trabecular Degeneration and Regeneration"

*Alan W. Eberhardt, Ph.D.*

*Assistant Professor*

*Department of Mechanical Engineering  
UAB*

11:45 - 12:00 noon Pilot Study Overview: "Regulation of  
Adipocyte and Osteoblast Differentiation"

*Xu Cao, Ph.D.*

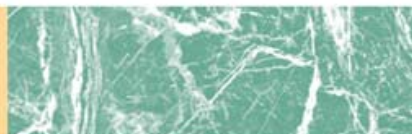
*Assistant Professor*

*Department of Pathology  
UAB*

12:00 noon Closing Remarks

*Jay M. McDonald, M.D.*

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ALABAMA AT BIRMINGHAM



**CMBD**  
CENTER FOR METABOLIC BONE DISEASE